



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111107

**Mode:** Highway

**Status:** Submitted

### SR-2176 (Benjamin Parkway/ Bryan Boulevard)

**From/Cross Street:** Holden Road

**Specific Improvement Type:** 6 - Widen Existing Roadway and Construct Part on New Location

**To:** Wendover Avenue

**Project Category:** Division Needs

**Length:** 1.2

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$13,416,000

#### Description:

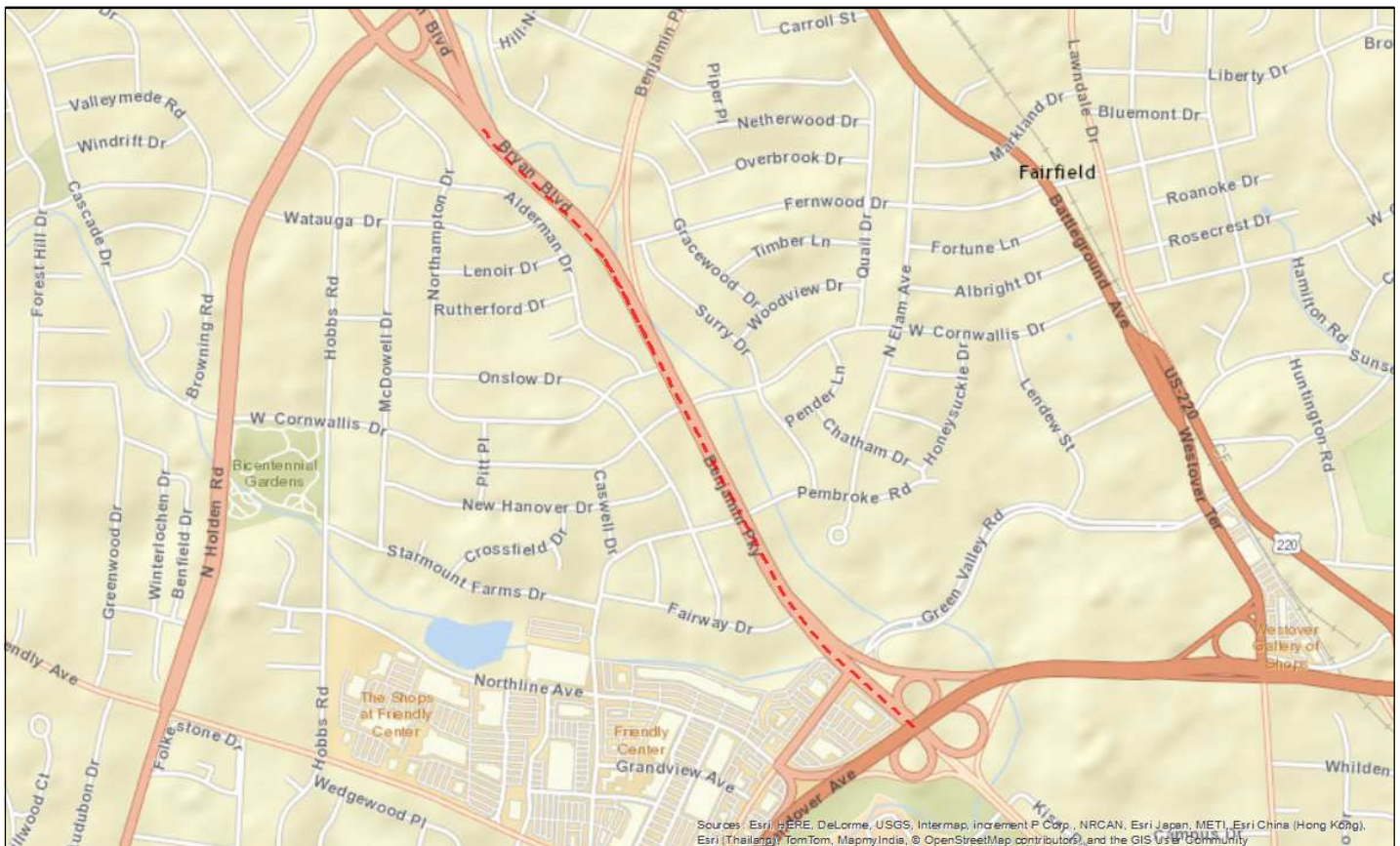
Widen from 5 Lanes to 6 Lanes on Benjamin Parkway / Bryan Boulevard. Adding a 3Rd inbound Lane. Add Sidewalk on Benjamin Parkway from Wendover to Bryan Boulevard.

**Division(s):** Division 7

**County(s):** GUILFORD

**MPOS(s)/RPO(s):** Greensboro Urban Area MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points: 0	Percent: 15% Points: 0

**Division Needs Total Score: 66.89**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 66.49 Safety (10%) 44.43 [Travel Time] Benefit/Cost (20%) 5.74  <b>Totals: Weight: 50% Weighted Score: 18.89</b>	Percent: 25% Points: 92	Percent: 25% Points: 100

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.2
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	29000.19
Capacity:	31700
Volume/Capacity Ratio:	0.91
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	33.3
Crash Severity:	66.7
Critical Crash Rate:	33.3
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	78
Actual Congested Speed:	0
Travel Time Index:	

**Project Benefits**

Project Cross-Section:	6E - 6 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.2
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	3500778.67
Travel Time Savings for 30 Years (Autos):	3500778.67
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 7

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 7	100%	0	92
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>92</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Greensboro Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$12,458,000	Cost Estimation Tool
Right-of-Way Cost:	\$855,000	Cost Estimation Tool
Utilities Cost:	\$103,000	Cost Estimation Tool
Total Project Cost:	\$13,416,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$13,416,000</b>	